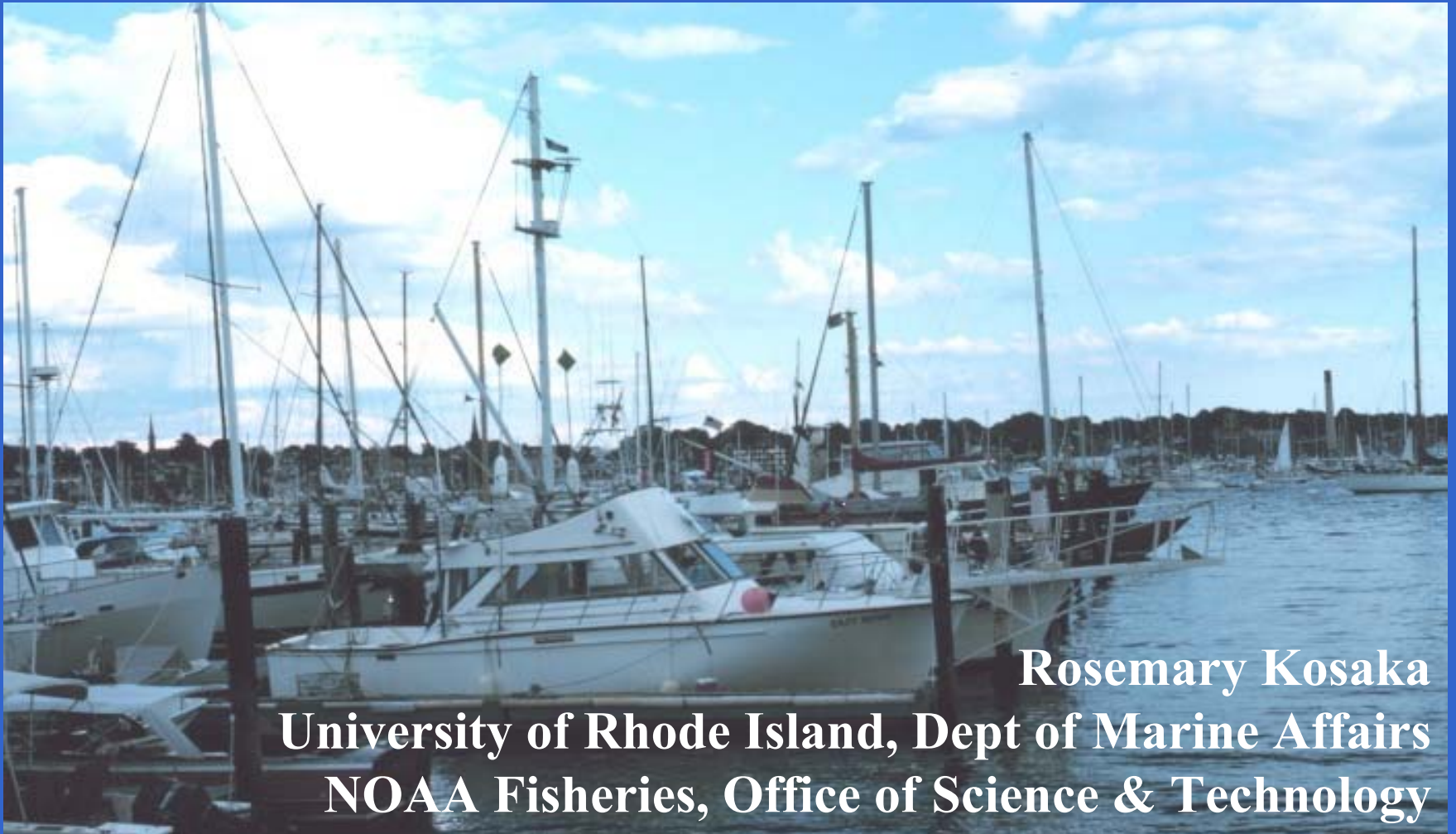


# **Fishing-related Industries of Rhode Island**



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**NOAA Fisheries, Office of Science & Technology**

# Purpose of the Project:

- to show relative contribution of fishing-related industries over time
- to propose a possible template
- a descriptive study


# Method of Analysis:

- Identified individual industries
- Identified 4 broad industry sectors
- Identified the relationship between industry codes in the **SIC** (the “**old**” system) and the **NAICS** (the “**new**” system) classification systems.

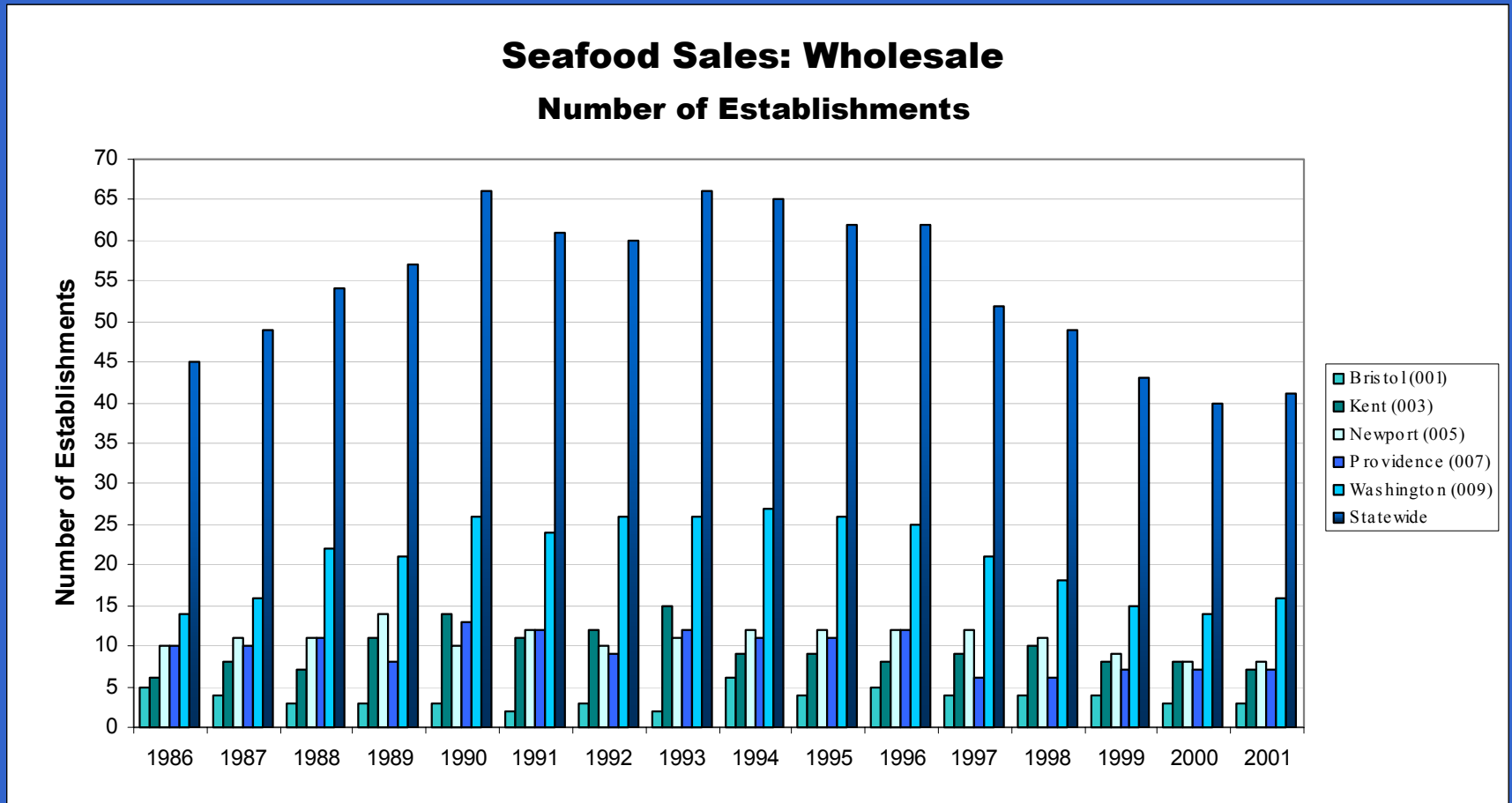
**Example A: When data cooperates...**

**Seafood Sales: Wholesale**

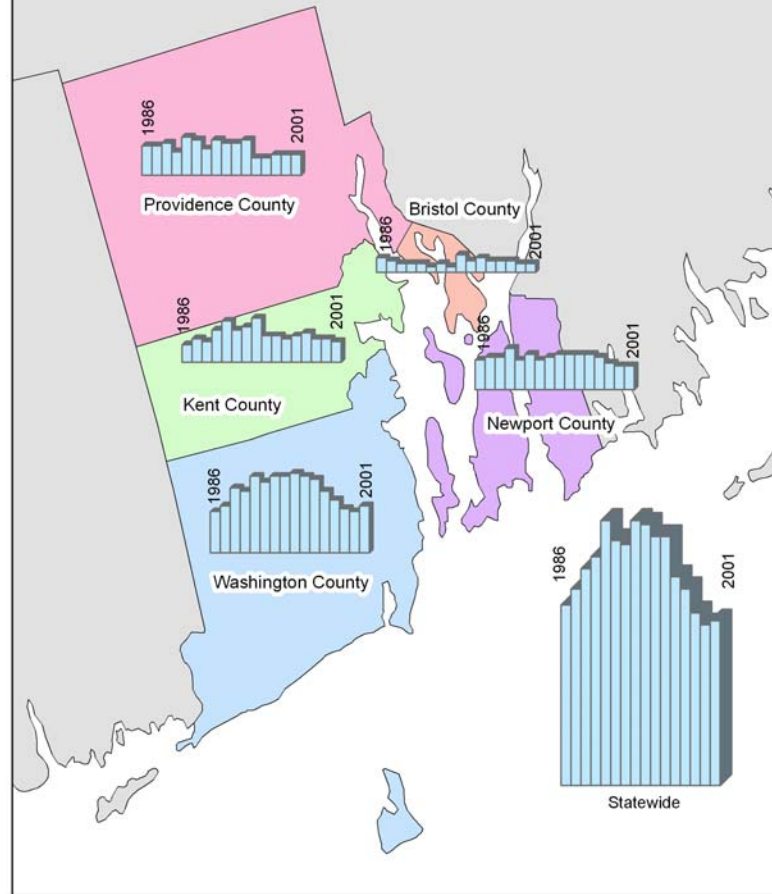
## TABLE 1A: Seafood Sales: Wholesale

<u>SIC (1986 – 1997)</u>		<u>NAICS (1998 – 2001)</u>
<u>SIC 5146:</u> Fish and Seafoods		<u>NAICS 42246:</u> Fish and Seafood Wholesalers

# Number of Wholesale Seafood Establishments



Number of Establishments  
SIC 5146  
1986-2001




**Example B: When data does not  
cooperate...  
(but is workable)**

**Processing: Marine Fats and Oils,  
Canned and Cured, Fresh and Frozen**

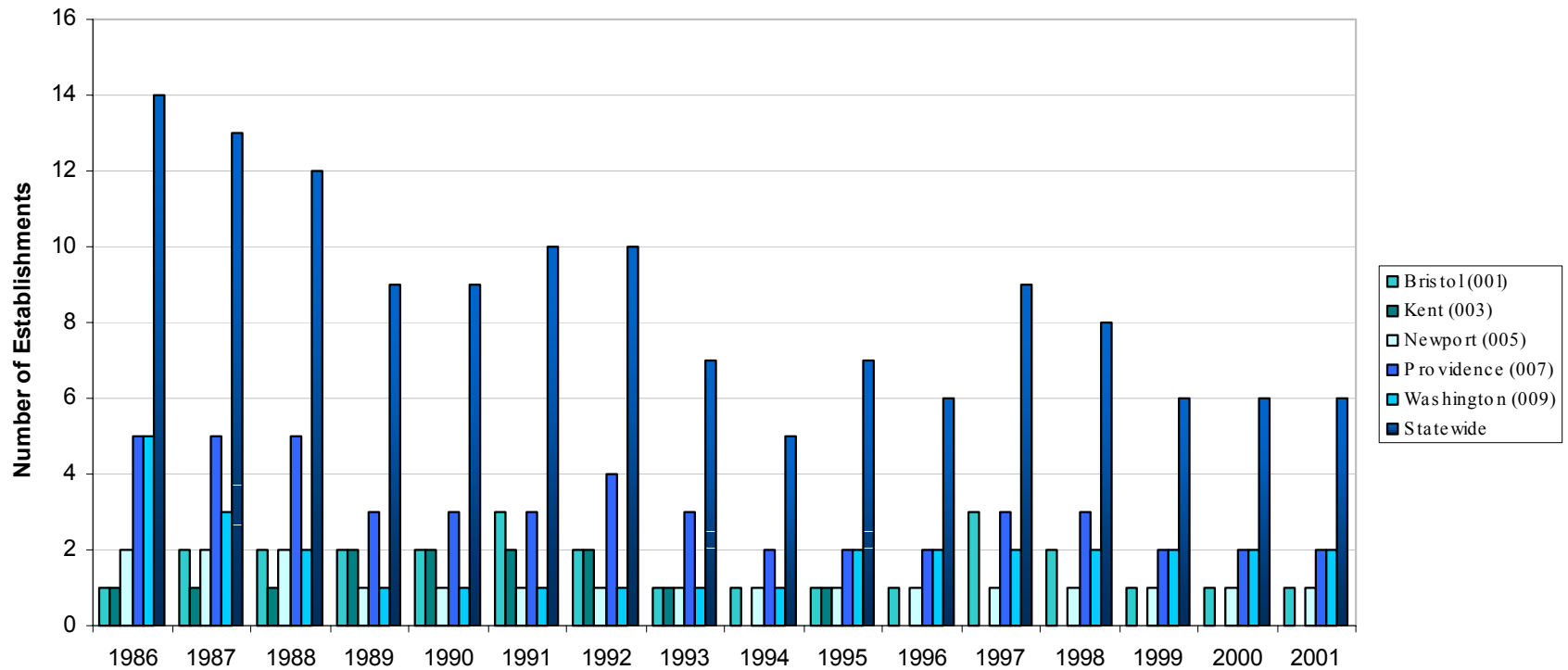


# TABLE 2B: Processing: Marine Fats and Oils, Canned and Cured, Fresh and Frozen

<u>SIC (1986 – 1997)</u>	 <u>NAICS (1998 – 2001)</u>
<b><u>SIC 2077:</u></b> <b>Animal and Marine Fats and Oils</b>	<b><u>NAICS 311613:</u></b> <b>Rendering and Meat Byproduct Processing</b>
Subcategories: <ul style="list-style-type: none"> <li>• <i>animal fats and oils</i></li> <li>• <i>canned marine fats and oils</i></li> <li>• <i>fresh and frozen marine fats and oils</i></li> </ul>	<ul style="list-style-type: none"> <li>• includes <i>animal fats and oils</i>, part of SIC 2077</li> <li>• includes <i>lard made from purchased material</i>, part of SIC 2013</li> </ul>
<b><u>SIC 2091:</u></b> <b>Canned and Cured Fish and Seafood</b>	<b><u>NAICS 311711:</u></b> <b>Seafood Canning</b>
<ul style="list-style-type: none"> <li>• includes NAICS 311711</li> </ul>	<ul style="list-style-type: none"> <li>• includes <i>canned marine fats and oils</i>, part of SIC 2077</li> <li>• includes SIC 2091, Canned and Cured Fish and Seafood</li> </ul>
<b><u>SIC 2092:</u></b> <b>Prepared Fresh or Frozen Fish and Seafood</b>	<b><u>NAICS 311712:</u></b> <b>Fresh and Frozen Seafood Processing</b>
<ul style="list-style-type: none"> <li>• includes NAICS 311712</li> </ul>	<ul style="list-style-type: none"> <li>• includes <i>fresh and frozen marine fats and oils</i>, part of SIC 207</li> <li>• includes SIC 2092, Prepared Fresh or Frozen Fish and Seafood</li> </ul>

# Number of Processing Establishments


**Processing: Combined (excluding Ice)**  
**Number of Establishments**



**Example C:**  
**When data REALLY does not**  
**cooperate...**

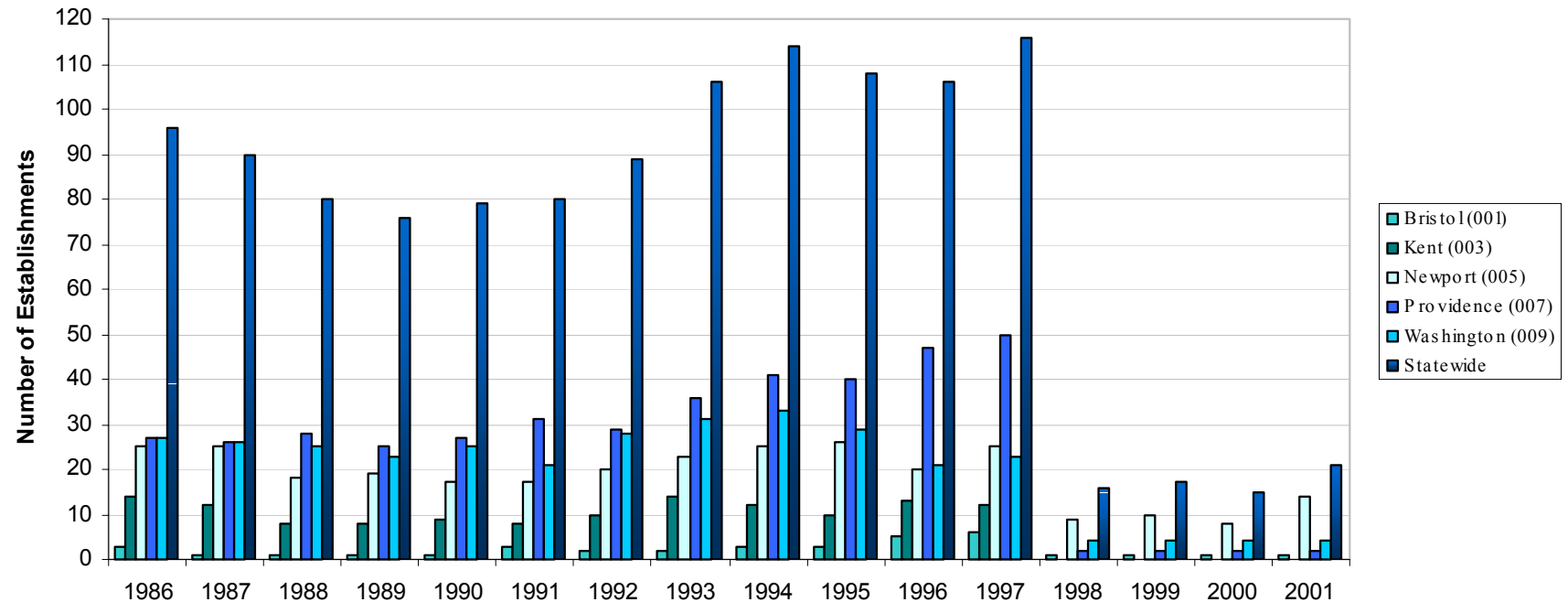
**Marine Recreation: Charter Fishing**

## Part of TABLE 3B: Marine Recreation: includes Charter Fishing

<u>SIC (1986 – 1997)</u>	 <u>NAICS (1998 – 2001)</u>
<b><u>SIC 7999:</u> Amusement and Recreation Services, NEC</b>	<b><u>NAICS 48721:</u> Scenic and Sightseeing Transportation, Water</b>
Subcategories include: <ul style="list-style-type: none"><li>• <i>charter fishing</i></li><li>• <i>sports equipment rental</i></li><li>• <i>skiing facilities</i></li><li>• <i>etc.</i></li></ul>	<ul style="list-style-type: none"><li>• includes <i>airboats, excursion boats, and sightseeing boats</i>, part of SIC 4489</li><li>• includes <i>charter fishing</i>, part of SIC 7999</li></ul>

# Number of Marine Recreation Establishments

**Marine Recreation: includes Charter Fishing**  
**(and other Amusement and Recreation Services from 1986-1997)**  
**Number of Establishments**



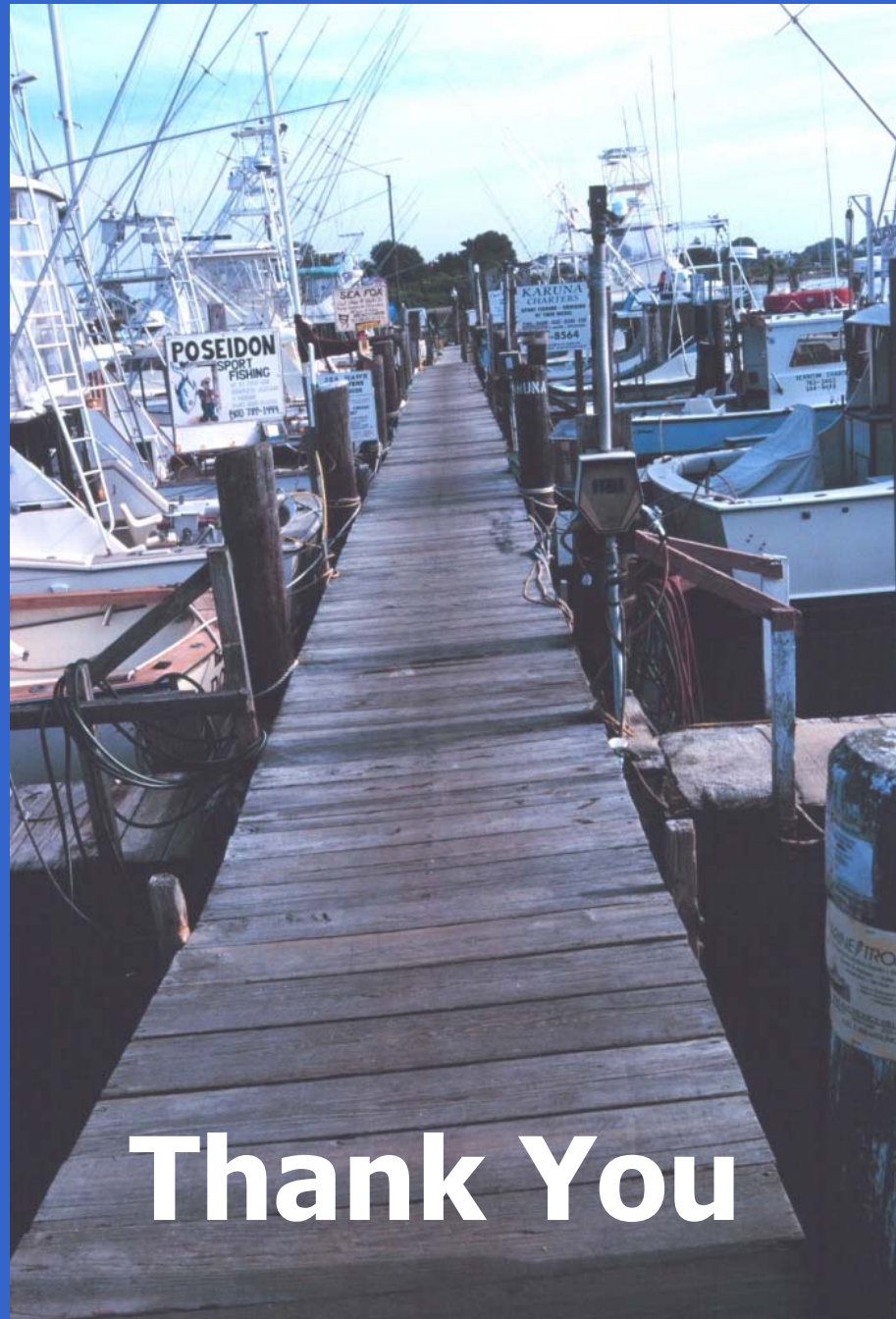
# CBP Negatives

There are some limitations to the data:

- At the county level
- The CBP excludes self-employed individuals
- The definition of “establishment”
- Confidential data
- Aggregated industries

# CBP Positives

- Industry codes are standardized
- At least 15 years of industry data by county
- Can display relative change in fishing-related industries, potentially for cumulative effects analysis
- Can provide county or state context for fishing community studies



**Thank You**